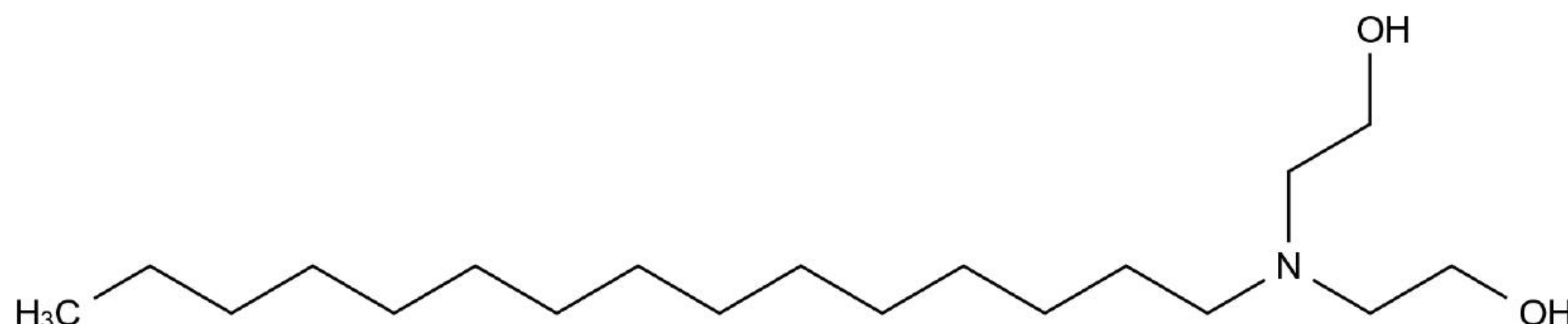


Certificate of Analysis

Reference Material

Product Name:	Ethanol, 2,2'-(pentadecylimino)bis-	Catalogue Number:	CCHM705608
Chemical Name:	N/A	Lot Number:	0512-RE-0039
CAS Number:	24910-32-5	Expiry Date:	Jun 18, 2027
Molecular Formula:	C19H41NO2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	315.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	GC	91.1%
Assay	qNMR	90.7%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Yuki

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jun 19, 2023

Date: Jun 20, 2023

Date: Jun 20, 2023

